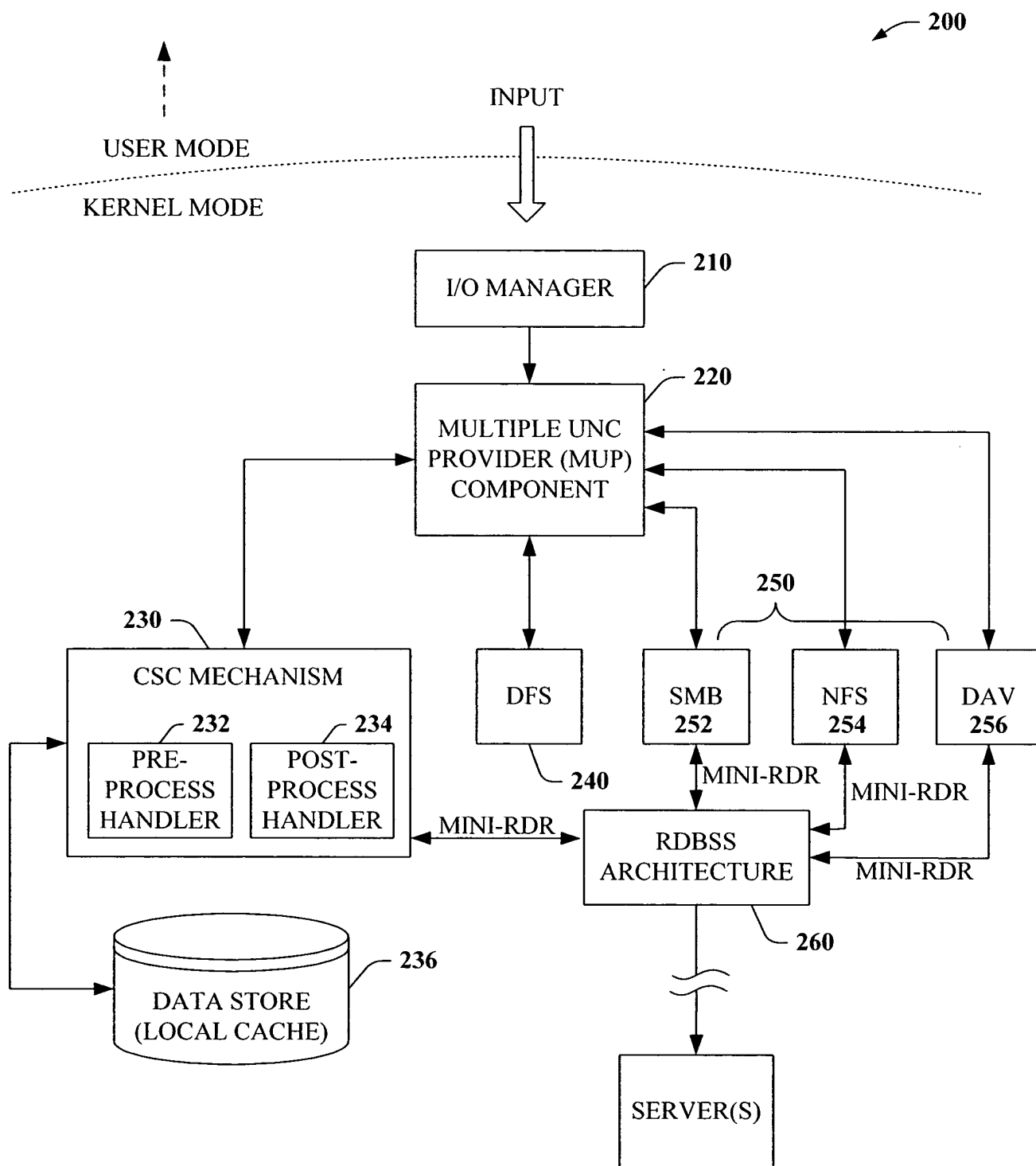
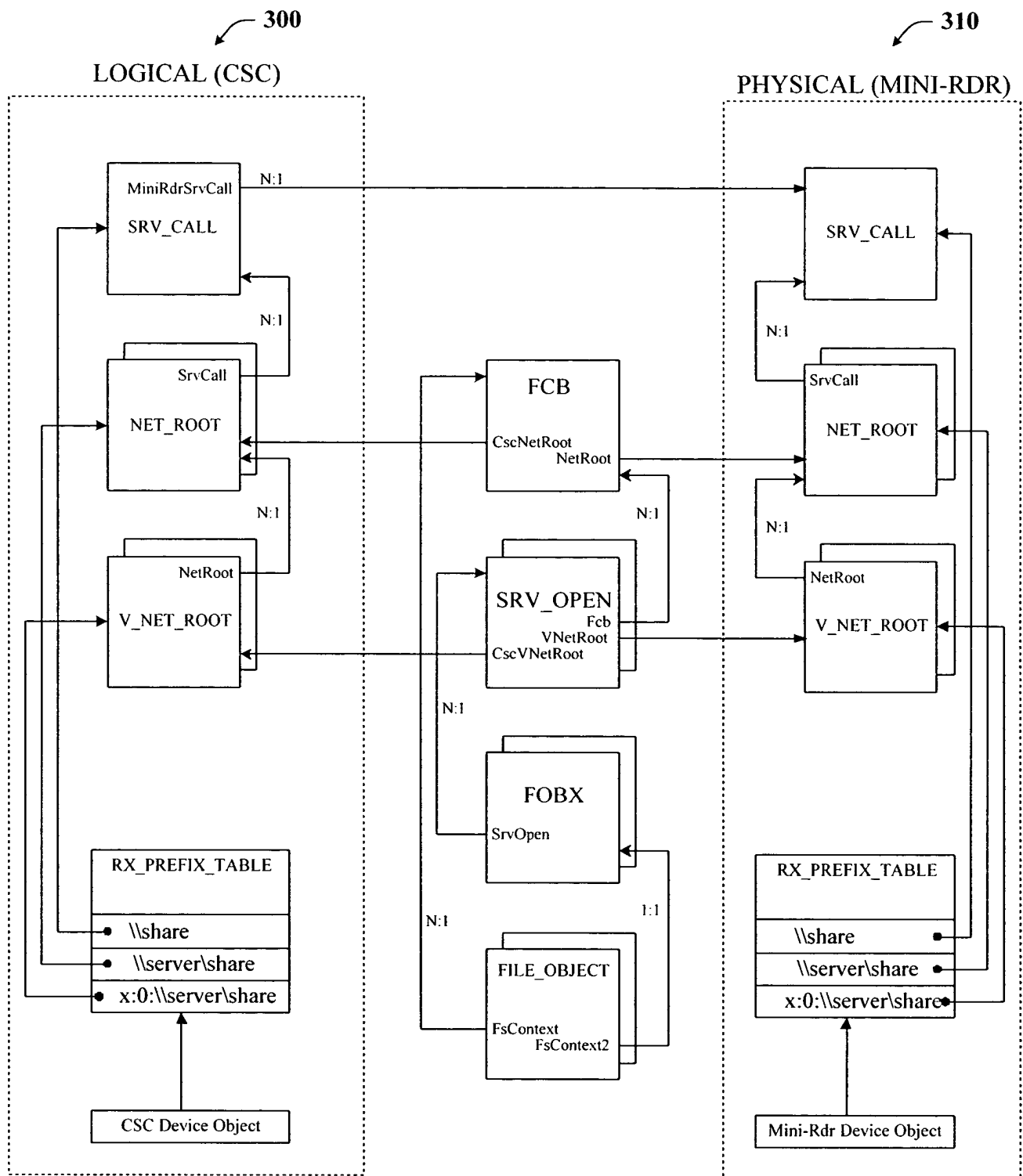


**FIG. 1**



**FIG. 2**



**FIG. 3**

ONLINE, PARTIAL CACHED NAMESPACE

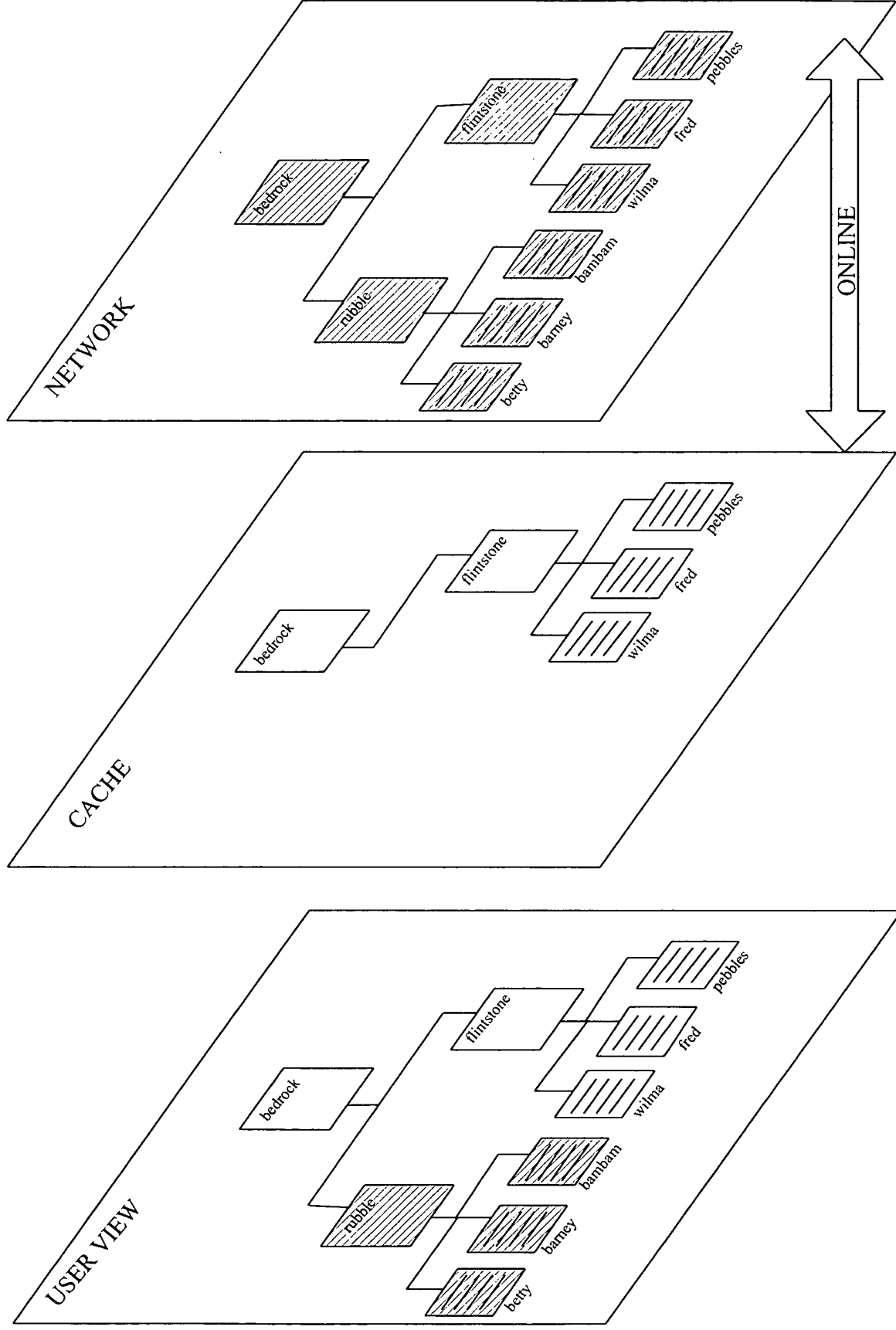


FIG. 4

OFFLINE, PARTIAL CACHED NAMESPACE

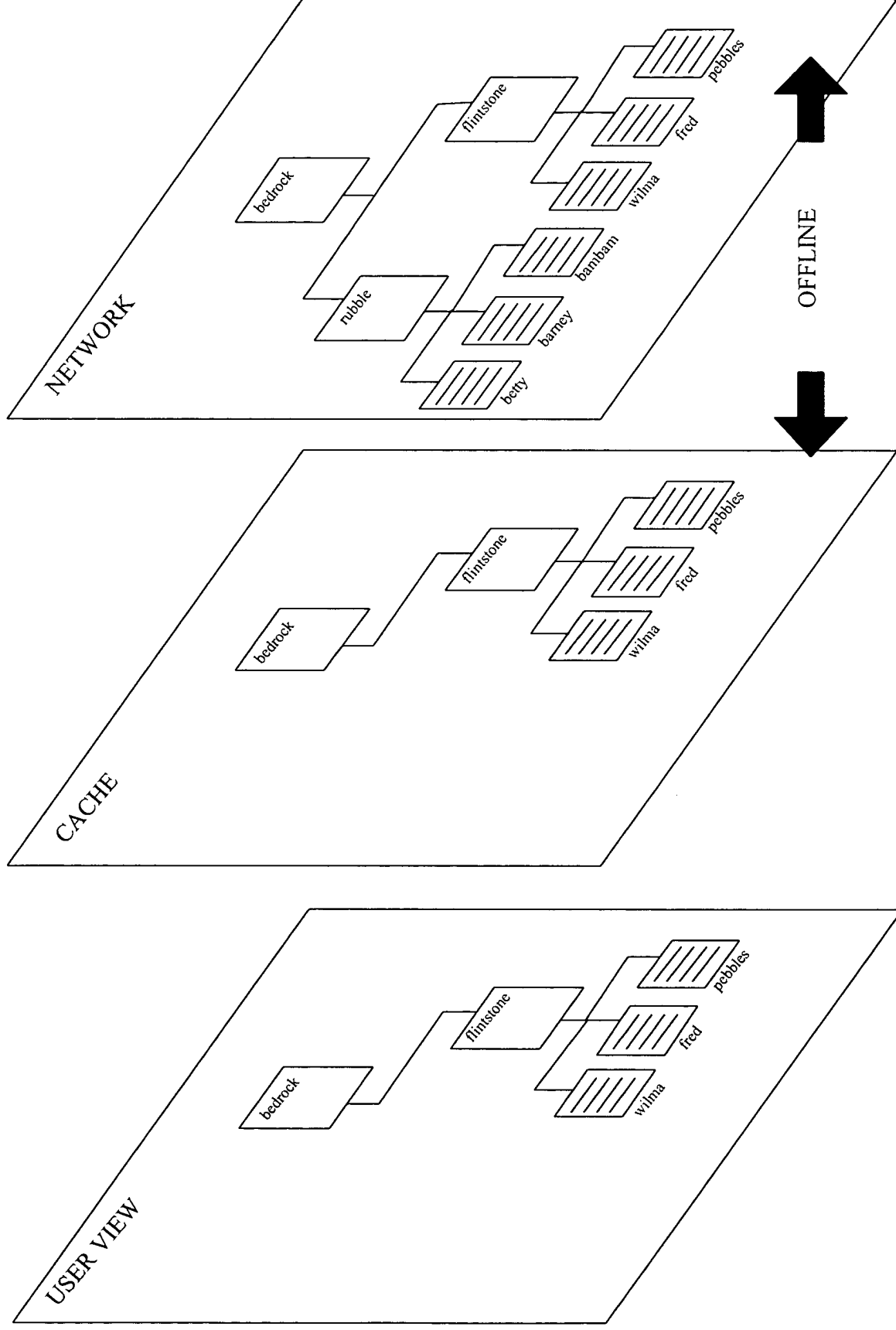


FIG. 5

OFFLINE, PARTIAL CACHED NAMESPACE WITH SHADOW INSTANCES

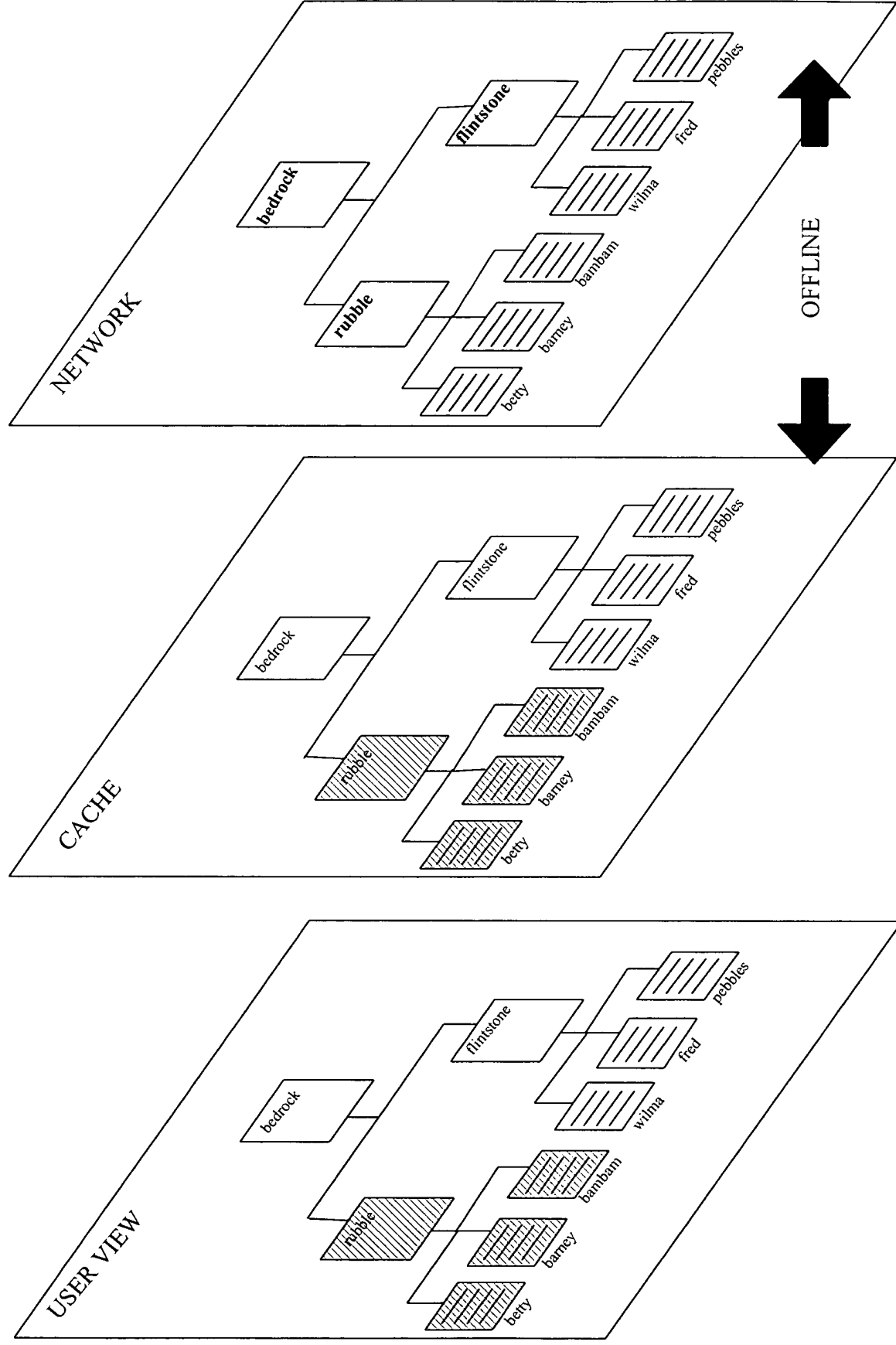
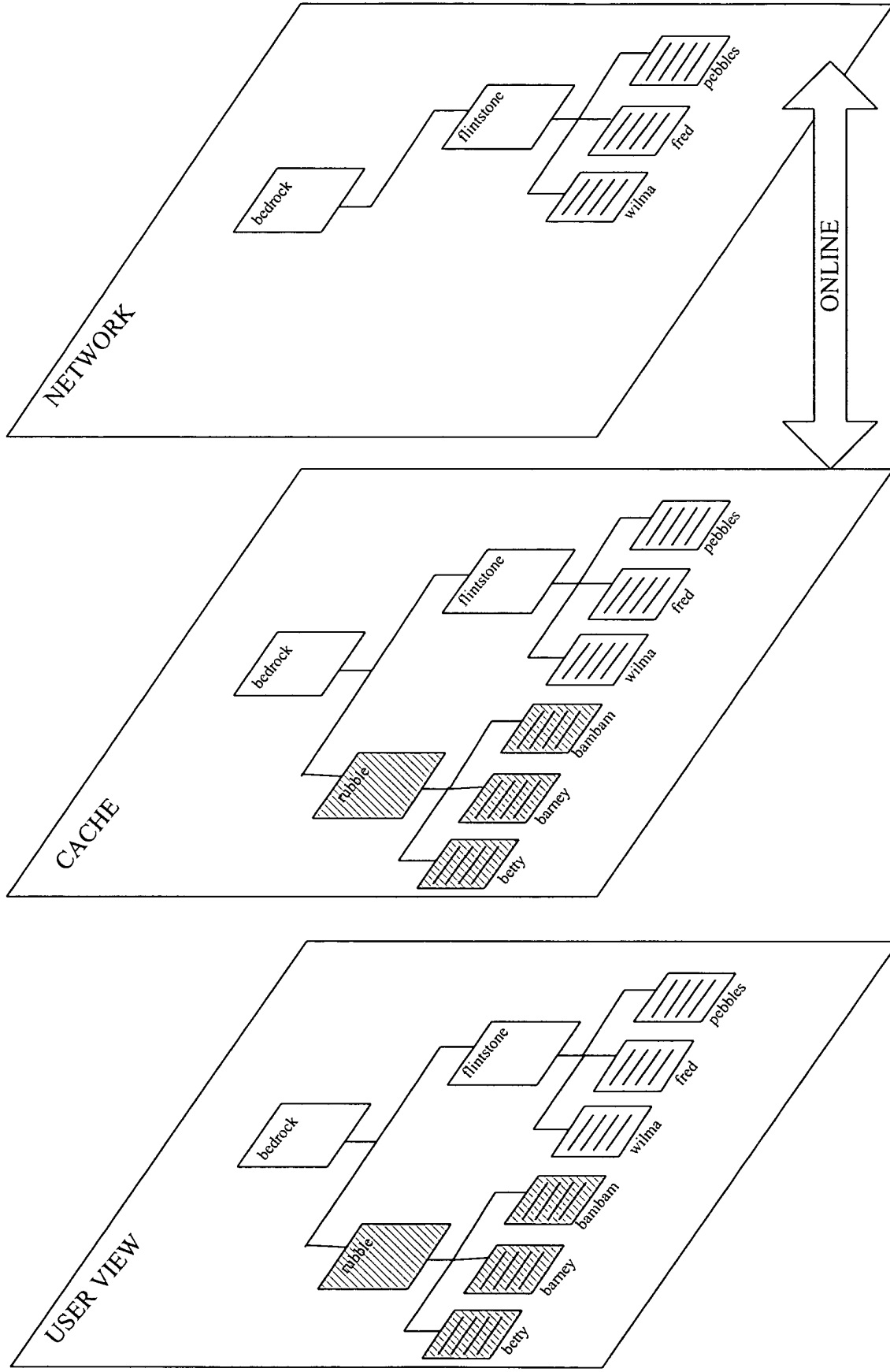


FIG. 6

ONLINE, SERVER NAMESPACE CHANGE - BEFORE SYNC




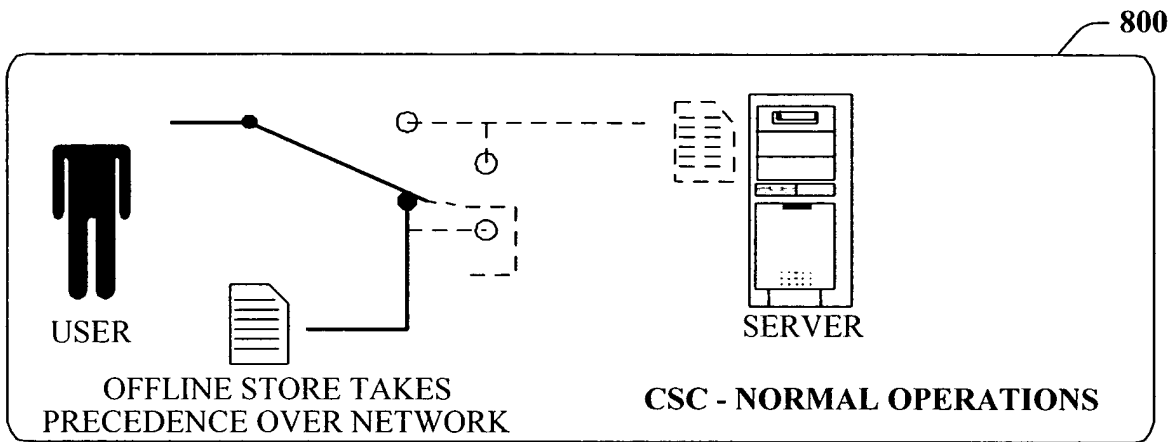
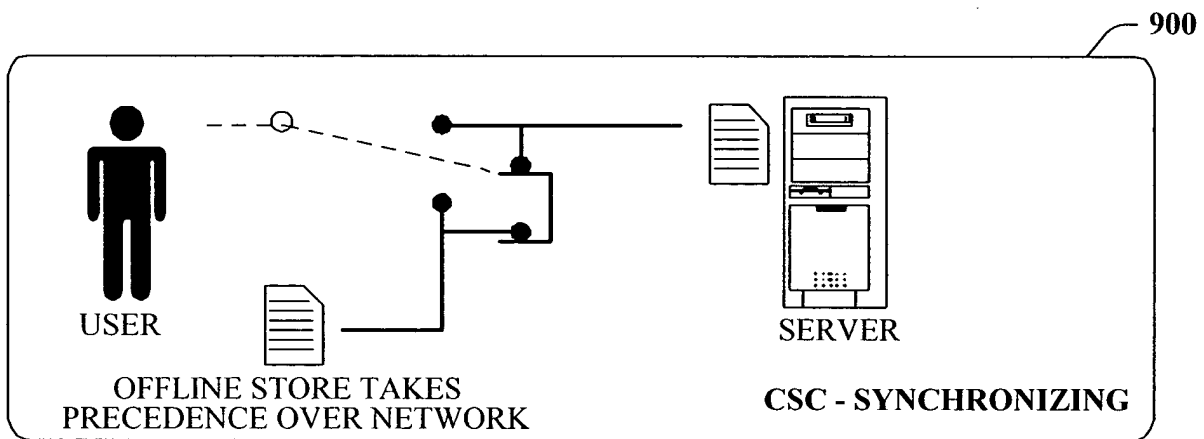
 = NEEDS SYNCHRONIZATION

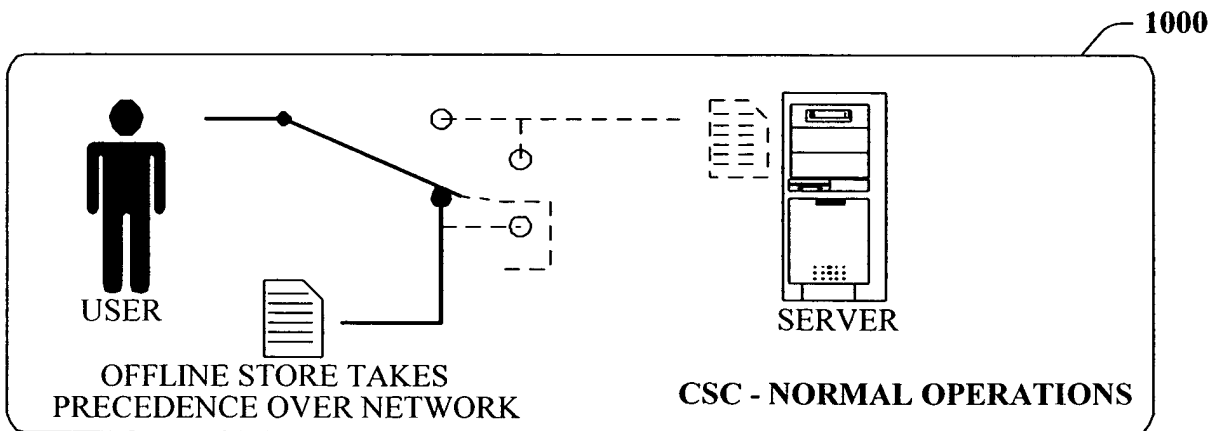
FIG. 7



**FIG. 8**

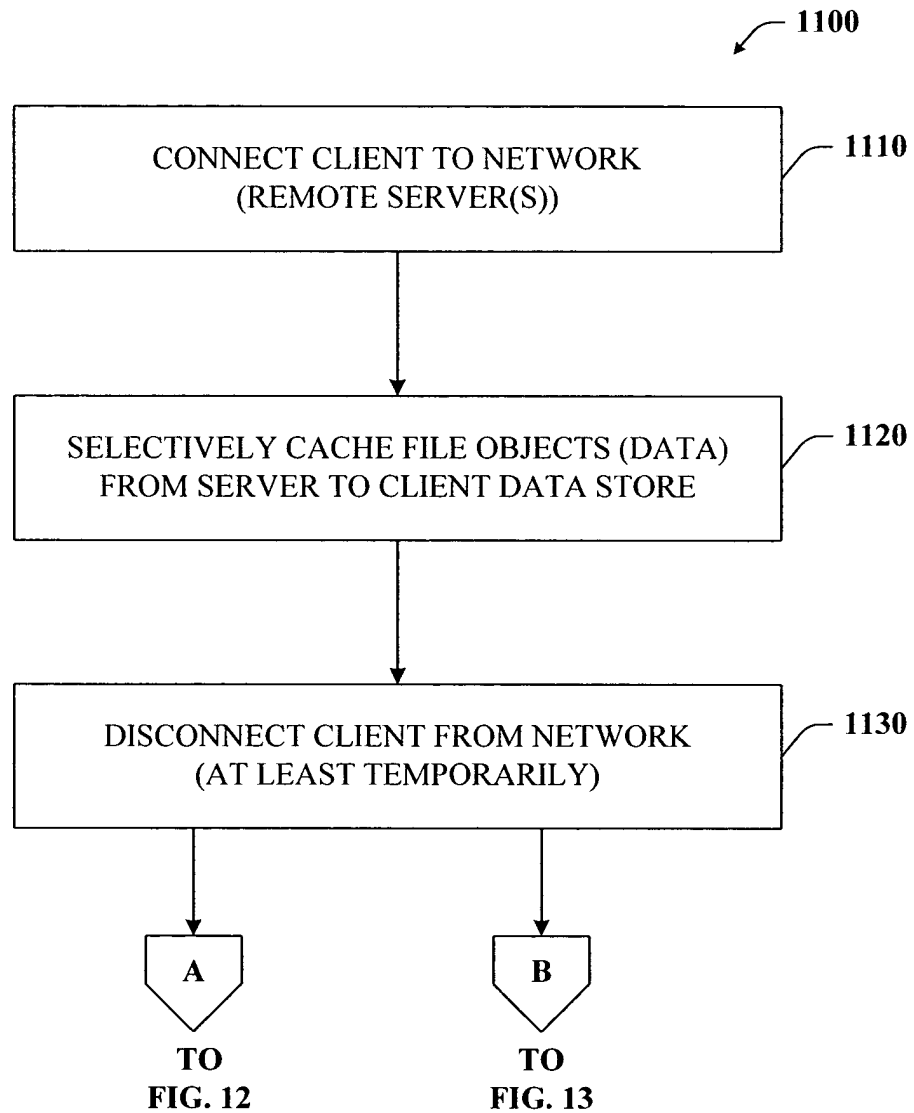


**FIG. 9**

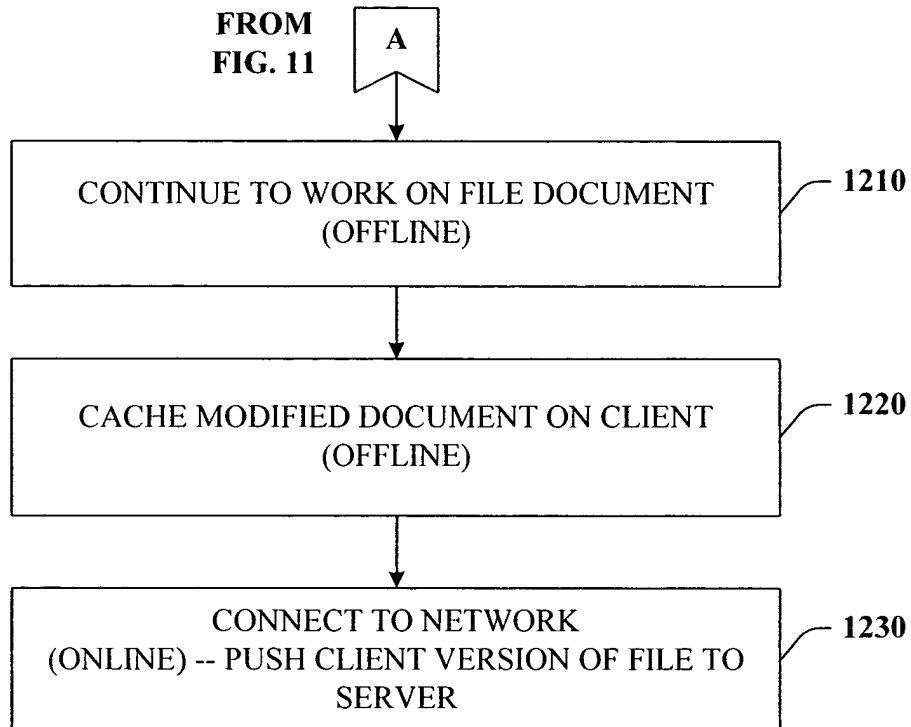


**FIG. 10**

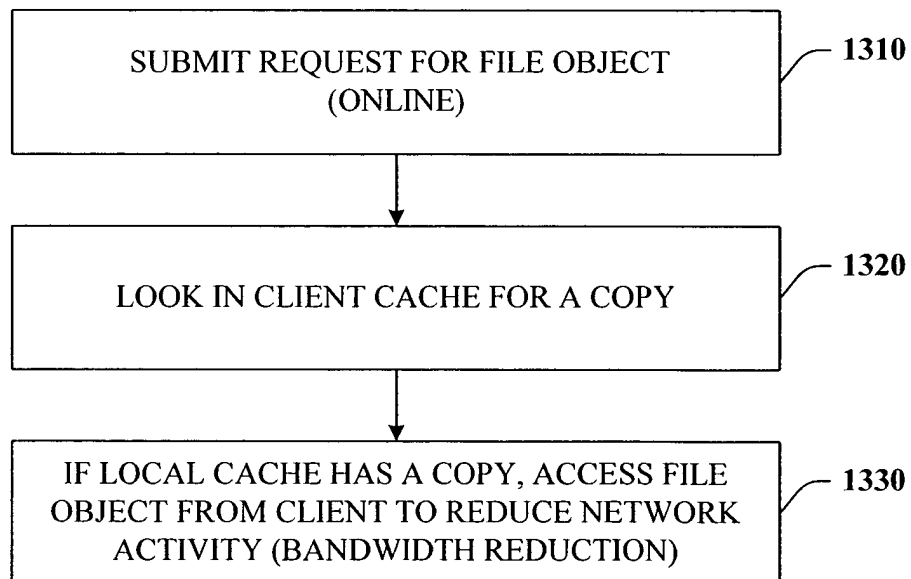




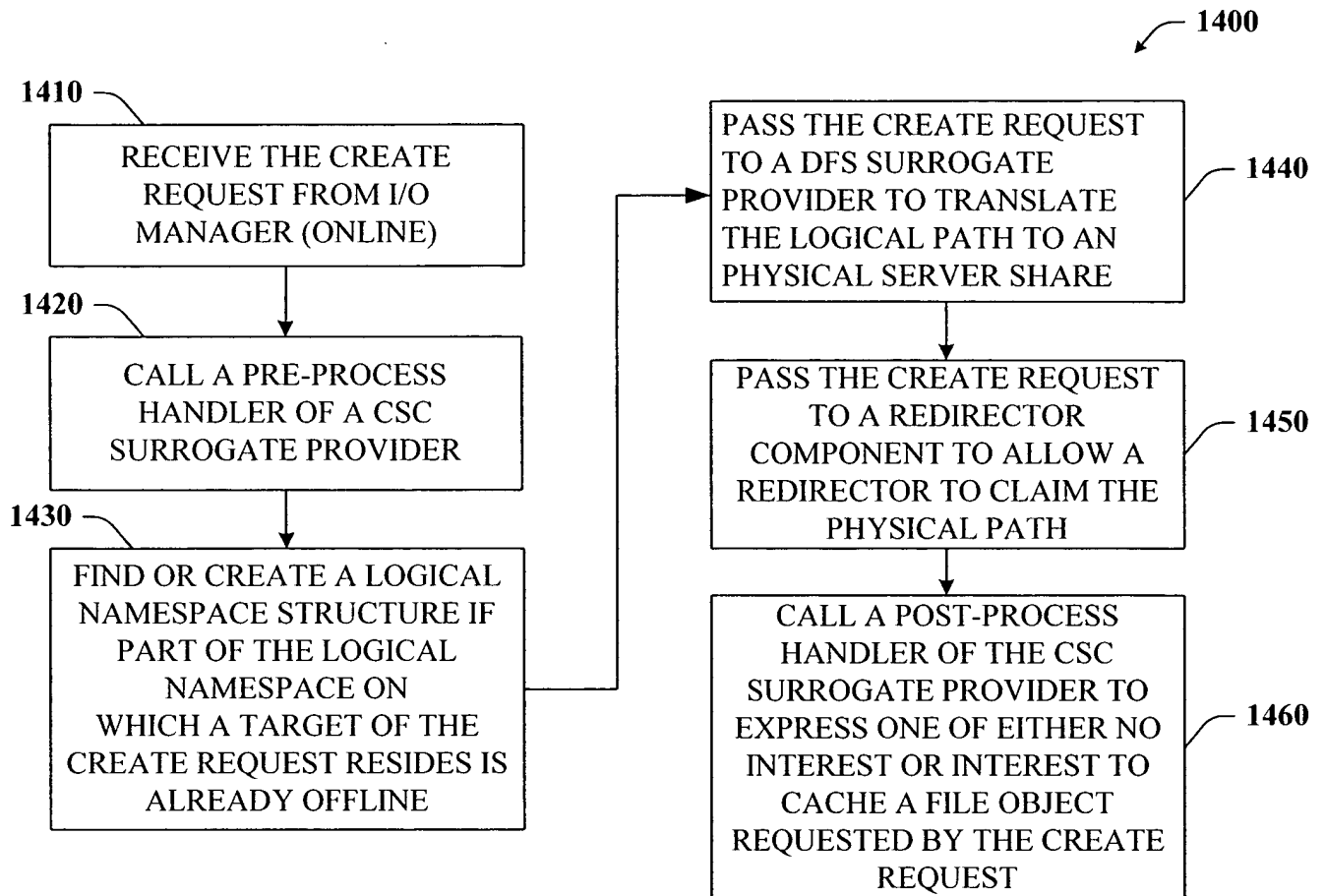
**FIG. 11**



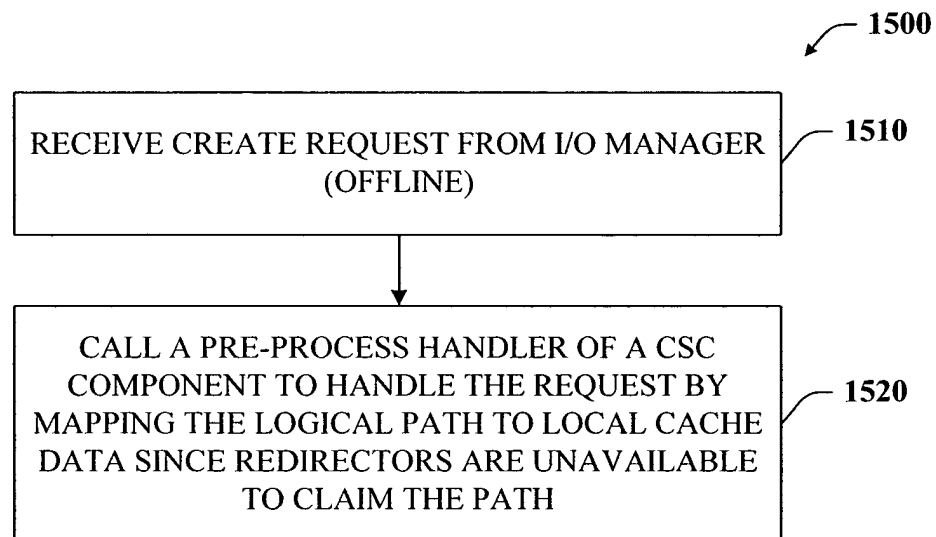
**FIG. 12**



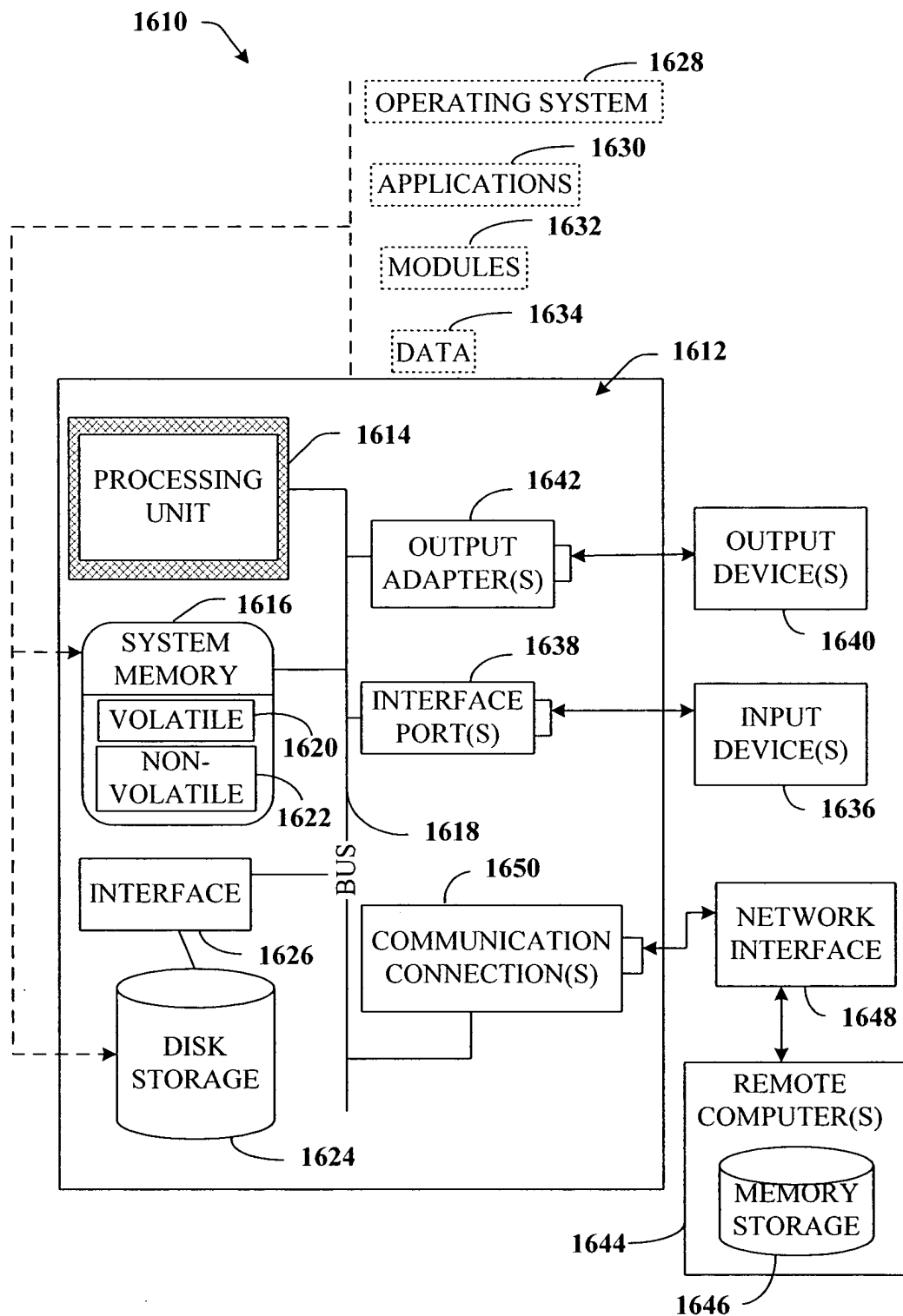
**FIG. 13**



**FIG. 14**



**FIG. 15**



**FIG. 16**